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Part Number:

0903250014

Status:

Active

Overview:

Picoflex Ribbon-Cable Connectors

Description:

Picoflex PF-50 Header, Vertical, Low Profile, with PCB Pegs, 14 Circuits, Tin (Sn) Plating

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification PS-99020-0011-001 (PDF)

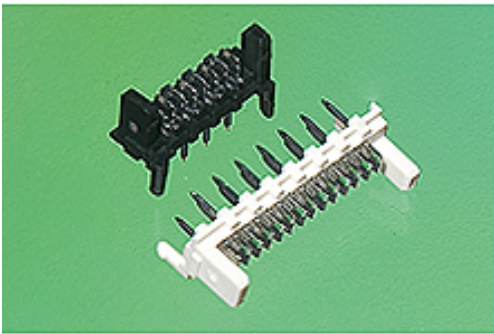
Application Specification 908140000-AS-000 (PDF)

Packaging Specification PK-90325-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

| Agency Certification |                                  |
|----------------------|----------------------------------|
| CSA                  | LR19980                          |
| UL                   | E29179                           |
| General              |                                  |
| Product Family       | PCB Headers                      |
| Series               | 90325                            |
| Application          | Signal, Wire-to-Board            |
| Comments             | Low Profile                      |
| Component Type       | PCB Header                       |
| Overview             | Picoflex Ribbon-Cable Connectors |
| Product Name         | Picoflex                         |
| Taxonomy             | PCB Headers and Receptacles      |
| UPC                  | 800753538474                     |

| Physical                       |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 14             |
| Circuits (maximum)             | 14             |
| Color - Resin                  | Black          |
| Durability (mating cycles max) | 30             |
| First Mate / Last Break        | No             |
| Flammability                   | 94V-0          |
| Glow-Wire Capable              | No             |
| Guide to Mating Part           | No             |
| Keying to Mating Part          | None           |
| Lock to Mating Part            | Yes            |
| Material - Metal               | Brass          |
| Material - Plating Mating      | Tin            |
| Material - Resin               | Polyester      |
| Net Weight                     | 0.600/g        |
| Number of Rows                 | 1              |
| Orientation                    | Vertical       |
| PCB Retention                  | Yes            |
| PCB Thickness - Recommended    | 1.60mm         |
| Packaging Type                 | Bag            |
| Pitch - Mating Interface       | 1.27mm         |
| Pitch - Termination Interface  | 1.27mm         |
| Polarized to Mating Part       | Yes            |
| Polarized to PCB               | Yes            |
| Shrouded                       | No             |
| Stackable                      | No             |
| Surface Mount Compatible (SMC) | No             |
| Temperature Range - Operating  | -40° to +105°C |
| Termination Interface: Style   | Through Hole   |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

90325 Series

Mates With

90327 IDT Connector

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.2A |
| Voltage - Maximum             | 250V |

**Solder Process Data**

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-freeProcess Capability                    | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 230  |

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | 908140000-AS-000  |
| Packaging Specification   | PK-90325-002-001  |
| Product Specification     | PS-99020-0011-001 |
| Sales Drawing             | SDA-90325-001     |

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